

## RETAINING WALL B-7

A building permit is required for retaining walls in excess of 4 feet. This measurement is taken from the bottom of the footing to the top of the masonry. Retaining walls of any size supporting a surcharge other than soil also require a building permit. The appropriate San Diego County Regional Standard may be used for construction. Link provided below. Contact the Building Division for information on how to obtain a building permit for a retaining wall.

**For construction details refer to the San Diego County Regional Standards at:**  
<http://www.regional-stds.com/home/book/drawings>.

### INSPECTIONS

- Inspections must be performed and approved during several phases of retaining wall construction. Please call for an inspection at the following times:
- When the footing has been excavated, the reinforcing steel is tied into its final position, and the site is ready for concrete to be placed, a foundation inspection is required.
- An inspection of the wall reinforcement and masonry unit lay-up is required before grouting the wall.  
If clean out holes are used, masonry may be laid to the full height of the grout pour before calling for the inspection. Grout shall then be poured in a continuous pour in lifts not exceeding six feet. If clean out holes are not used, a pregrout inspection is required prior to each grout pour. Block cannot be laid higher than the grout pour. Note that cleanouts are required for all grout pours in excess of five feet.
- After grouting is complete, and wall drain systems are in place, a backfill/drainage inspection is required.
- When all backfill and fine grading operations are finished, a final inspection is required.

### BUILDING PLANCHECK CHECKLIST FOR RETAINING WALLS

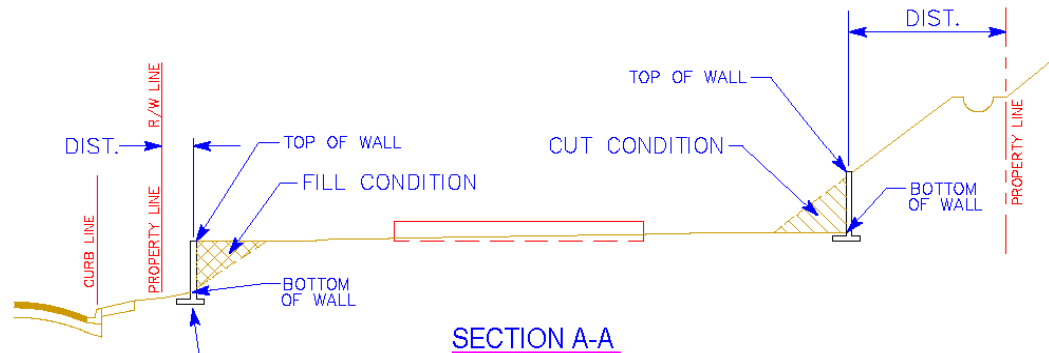
Provide a fully dimensioned site plan drawn to scale. Show:

- ♦ North Arrow
- ♦ Easements
- ♦ Existing & Proposed Structures
- ♦ Retaining Wall(s)
- ♦ Property Lines (dimensioned from street)
- ♦ Show Proposed location(s) of walls
- ♦ Show wall heights (top of wall-TW and bottom of wall-BW) at ends of walls, tallest points of wall & at points of height change.
- ♦ Drainage patterns
- ♦ Existing and proposed slopes
- ♦ Existing topography

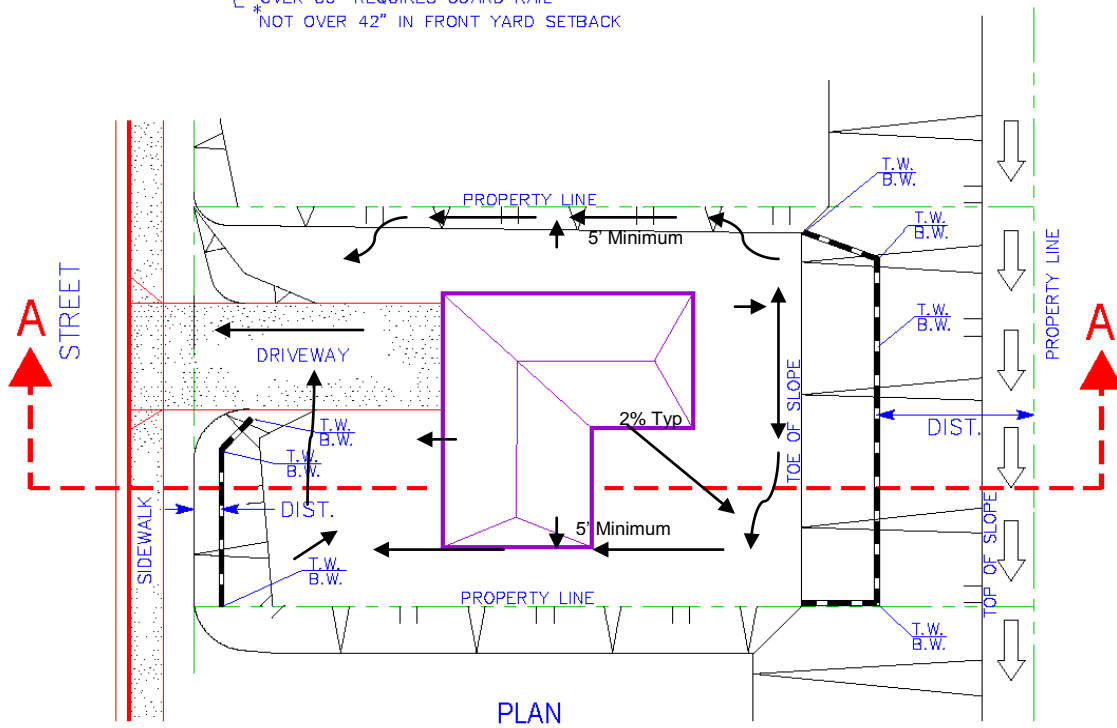
Include on plans:

- ♦ Site address
- ♦ Assessor's parcel number
- ♦ Legal description

Grading quantities: Cut\_\_\_\_\_ Fill\_\_\_\_\_ Import/Export\_\_\_\_\_



\* OVER 30" REQUIRES GUARD RAIL  
 \* NOT OVER 42" IN FRONT YARD SETBACK



T.W. — TOP OF WALL ELEVATION  
 B.W. — BOTTOM OF WALL ELEVATION  
 PROVIDE CUBIC YARDAGE  
 OF PROPOSED CUT/FILL

CITY OF CARLSBAD

## SAMPLE PLOT PLAN FOR RETAINING WALLS

DRAWN BY: SCOTT EVANS, CARLSBAD ENGINEERING DEPT. 1/28/03 C:\TEMPORARY DRAWINGS\RETAINING WALL EXHIBIT.DWG